

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE RELOCATION OF AN EXISTING PEDESTRIAN SIGNAL AND THREE HANDHOLES FOR THE CONSTRUCTION OF A NORTH BOUND RIGHT TURN LANE ON MD BUSINESS 3 AT THE INTERSECTION OF MD BUSINESS 3 (ROBERT CRAIN HIGHWAY) AND GREEN BRANCH LANE IN ANNE ARUNDEL COUNTY. MD BUSINESS 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL NOT BE AFFECTED BY THIS PROJECT.

SPECIAL NOTE

ALL UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE BECAUSE THESE UTILITIES MAY BE MODIFIED PRIOR TO AND DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

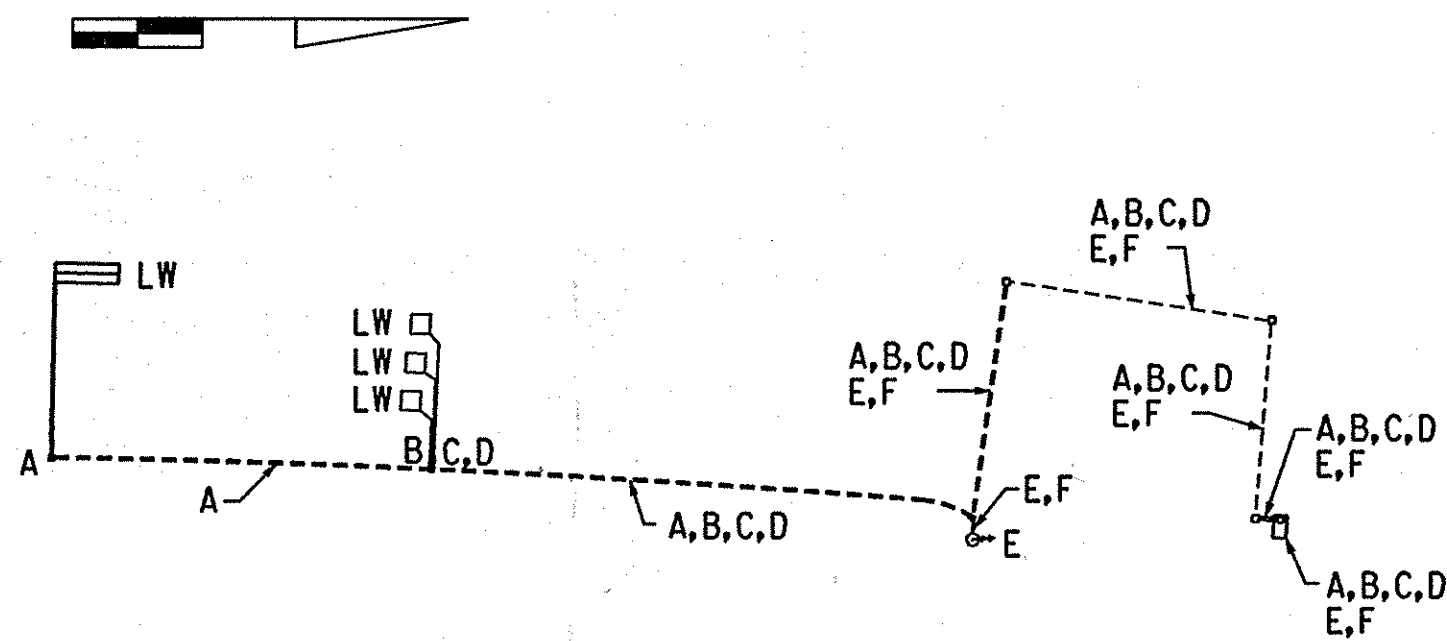
CAT.CODE NUMBER	SPEC. SECTION	QUANTITY	DESCRIPTION
960048	806	1 EA.	12 INCH 1 WAY 2 SECTION PEDESTRIAN SIGNAL HEAD - PEDESTAL MOUNT
973023	813	13 SF.	SHEET ALUMINUM SIGNS TO CONSIST OF: - 2 EA. R3-7(R) SIGN (30 IN. X 30 IN.) - GROUND MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

CAT.CODE NUMBER	SPEC. SECTION	QUANTITY	DESCRIPTION
203030	205	1 C.Y.	TEST PIT EXCAVATION
801004	801	1 C.Y.	CONCRETE FOR SIGNAL FOUNDATION
801104	812	30 L.F.	WOOD SIGN SUPPORTS 4 INCH X 4 INCH
802501	810	260 L.F.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
805160	805	20 L.F.	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
811001	811	3 EA.	ELECTRICAL HANDHOLE
813014	813	13 S.F.	INSTALL GROUND MOUNTED SIGN
837001	804	1 EA.	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
860048	814	1 EA.	INSTALL 12 INCH 1 WAY 2 SECTION PEDESTRIAN SIGNAL HEAD - PEDESTAL MOUNT
861104	810	1980 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
861107	810	300 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO.14 AWG)
862101	810	950 L.F.	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO.14 AWG)
862102	815	300 L.F.	SAW CUT FOR SIGNAL (LOOP DETECTOR)
868003	818	1 EA.	10 FOOT BREAKAWAY PEDESTAL POLE
800000	805	10 L.F.	2 INCH POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED
800000	805	570 L.F.	3 INCH POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT - TRENCHED
800000	810	750 L.F.	REMOVE AND REINSTALL EXISTING INTERCONNECT CABLE
800000	XXXX	LUMP SUM	REMOVE EXISTING EQUIPMENT
800000	XXXX	1 EA.	ADJUST ALIGNMENT OF EXISTING SIGNAL

WIRING DIAGRAM



- A C ) 2 - CONDUCTOR CABLE  
B D ) (ALUMINUM SHIELDED)  
E - 5 - CONDUCTOR CABLE  
(NO.14 A.W.G.)  
F - STRANDED BARE COPPER  
GROUND WIRE (NO.6 A.W.G.)  
LW - LOOP WIRE (NO.14 A.W.G.)  
IN FLEXIBLE TUBING

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #5 ARE AS FOLLOWS:

PAUL ARMSTRONG  
DISTRICT ENGINEER  
PHONE: (410) 841-5450  
CHUCK GEORGE  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (410) 841-5450  
RICHARD DAFF  
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ASSISTANT DISTRICT ENGINEER - TRAFFIC  
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JOHN MAYS  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
PHONE: (410) 841-5450



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD BUSINESS 3 (ROBERT CRAIN HIGHWAY) AT  
GREEN BRANCH LANE  
LOG MILE NO. 02B00300.33 DATE / /

DRAWN BY: FDB  
CHECK BY: S. BURNETT  
SCALE: NONE  
F.A.P. NO.  
S.H.A. NO. AA 6845176  
COUNTY ANNE ARUNDEL  
PLAN SHEET NO.: TS-3383-B  
SHEET NO. 10 OF 15

THE WILSON T. BALLARD CO.  
CONSULTING ENGINEERS  
OWINGS MILLS, MARYLAND